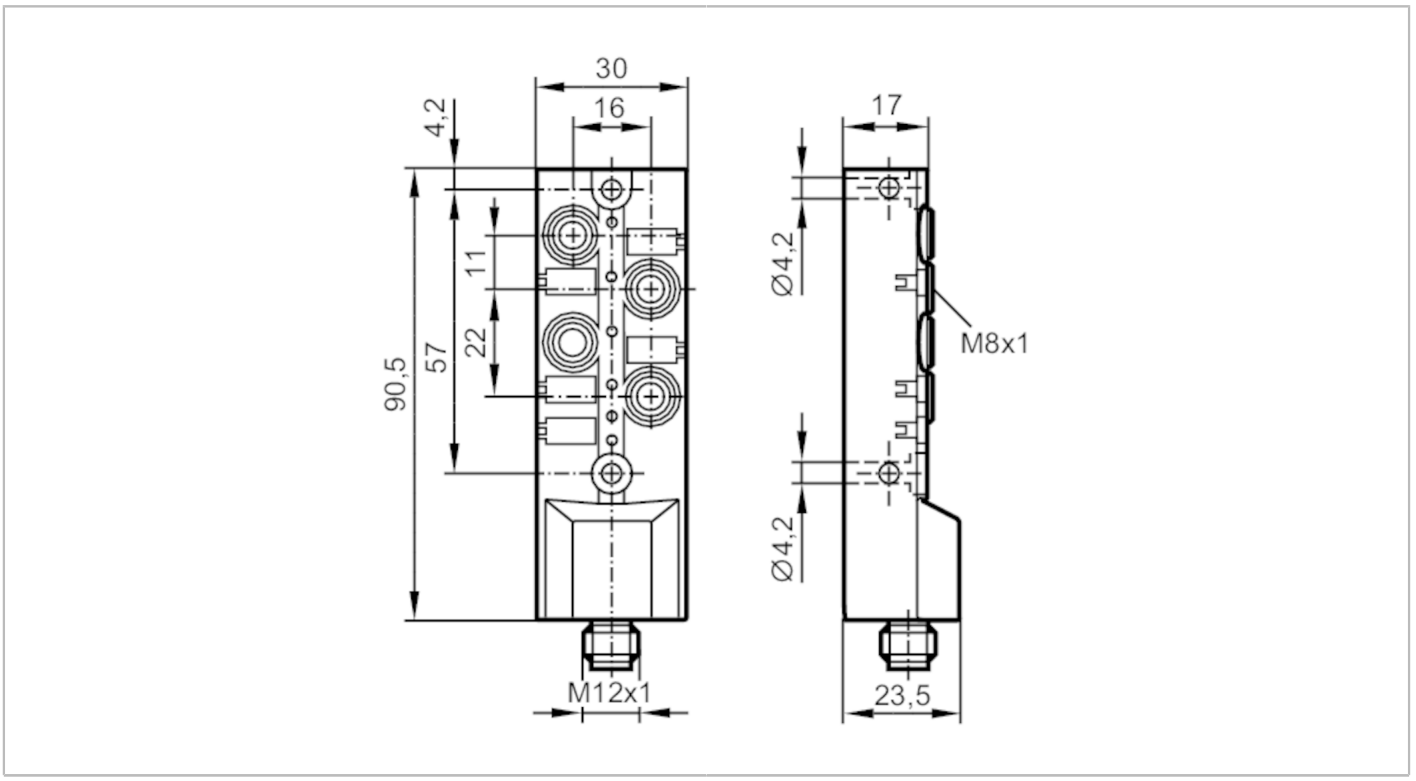
AC2484

AS-Interface CompactLine module

CompactM8 4DI



Application		
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	230
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP; (type 2 according to IEC 61131-2)
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	180
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-25...60
Storage temperature	[°C]	-25...60
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000

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Protection		IP 65; IP 67; IP 68					
Tests / approvals							
EMC		EN 62026-2					
		EN 50581					
MTTF	[years]	256					
UL approval		power supply	Class 2				
AS-i classification							
AS-i version		2.11; 3.0					
Extended addressing mode		yes					
AS-i master profile		M2; M3; M4					
AS-i profile		S-0.A.E					
AS-i I/O configuration	[hex]	0					
AS-i ID code	[hex]	A.E					
AS-i certificate		100801					
Assignment of the data bits		data bit	D0	D1	D2	D3	
		input	I-1	I-2	I-3	I-4	
Assignment of the parameter bits		parameter bit	Designation				
		P0	not used				
		P1	peripheral fault indication	: 1	activated	/ 0	deactivated
		P2	not used				
		P3	not used				
Mechanical data							
Weight	[g]	110.5					
Housing		rectangular					
Type of mounting		backplane mounting					
Dimensions	[mm]	90.5 x 30 x 23.5					
Materials		PBT					
Displays / operating elements							
Display		switching status	LED, yellow I1...I4				
		operation	LED, green AS-i				
		errors	LED, red				
Electrical connection							
Module connection		M12					
Accessories							
Items supplied		Label tags					
		Protective caps: 2					
Accessories (optional)		Protective cap: M8, E73005					
		Flat cable insulation displacement connector: 1 m, round cable, E70583					
		Flat cable insulation displacement connector: M12, E70096					
		DIN rail adapter:, E73006					

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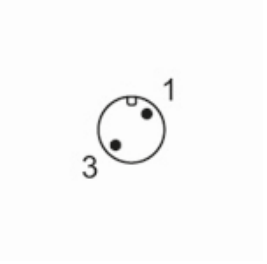
Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection - AS-i

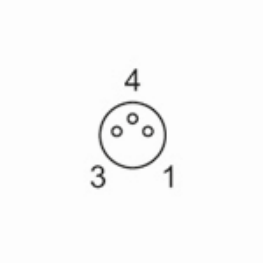
Connector: 1 x M12; coding: A



1	AS-i +
3	AS-i -

Electrical connection - Inputs

Connector: 4 x M8; coding: A



	Inputs
1	Sensor supply L+
3	Sensor supply L-
4	data input